

NOTES:

1. VINYL OR WOOD DOOR STOP NAILED A MAXIMUM OF 6" O.C. MUST OVERLAP TOP AND BOTH ENDS OF PANELS MINIMUM 7/16" TO MEET NEGATIVE PRESSURES.

2. SLIDE LOCKS REQUIRED.

3. THE DESIGN OF THE SUPPORTING STRUCTURAL ELEMENTS SHALL BE THE RESPONSIBILITY OF THE PROFESSIONAL OF RECORD FOR THE BUILDING OR STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING.

4. SECTION STEEL TO HAVE THE FOLLOWING MINIMUM THICKNESS:
EXTERIOR - 27 GA
INTERIOR - 30 GA

5. DOOR JAMB TO BE MINIMUM 2x6 STRUCTURAL GRADE LUMBER. REFER TO JAMB CONNECTION SUPPLEMENT FOR ATTACHMENT TO SUPPORTING STRUCTURE.

6. END CAPS ON TOP AND BOTTOM SECTIONS SHALL BE FACTORY ADHERED TO SECTION WITH SILAPRENE 6324 OR SILAPRENE M6344 ADHESIVE OR EQUAL. ADHESIVE SHALL BE APPLIED WITH (3) EQUALLY SPACED 3/16" WIDE BEADS FOR FULL HEIGHT OF END CAP.

7. CONCRETE FLOOR SHALL BE 3-1/2" THICK AND 2500 PSI MINIMUM.

8. SECTIONS SHALL HAVE A 20 GA BACKUP PLATE ACROSS THE TOP OF EACH SECTION.

13 GA HORIZ ANGLE

13 GA FLAG ANGLE

16 GA MIN HORIZ TRACK

5/16x1-5/8" LAG SCREW EACH HOLE

15 GA MIN VERT TRACK

5/16x1-5/8" LAG SCREW AT EACH JAMB BRACKET

1/4-20x9/16" TRACK BOLT AND 1/4-20 HEX NUT AT EACH JB-1 JAMB BRACKET LOCATION

SECURE LOCK STRIKER PLATE ATTACHED TO TRACK WITH (2) 1/4-20x9/16" TRACK BOLTS AND 1/4-20 NUTS

SLIDE LOCK EACH END (SEE NOTE 2)

15 GA STIFFENED JAMB BRACKETS SEE SCHEDULE FOR QUANTITY, LOCATION, AND TYPE

NOTE: (3) SECTION DOOR SHOWN. SEE PAGE 2 FOR U-BAR LOCATIONS FOR (4) SECTION DOORS.

FASTENERS AT AND MIDWAY BETWEEN ALL INTERMEDIATE HINGE LOCATIONS. SEE NOTE SHEET 2

E
SHEET 2

DOOR

A
SHEET 2

TYP

HINGE

EQUAL

EQUAL

B
SHEET 2

TYP

F
SHEET 2

TYP

EQUAL

EQUAL

C
SHEET 2

TYP

D
SHEET 2

TYP

G
SHEET 2

20 GA END CAP

NOTE: POST SYSTEM IS TO BE INSTALLED ON THE CENTER LINE OF THE DOOR. SEE WINDLOAD POST INSTALLATION INSTRUCTIONS.

12 GA BOTTOM BRACKET FACTORY ATTACHED WITH (3) 1/4-14x5/8" CRIMPITE SCREWS

2" STEEL ROLLER WITH 4" STEM

SUPERIMPOSED DESIGN PRESSURE LOADS ON SUPPORTING STRUCTURE

MAX DOOR WIDTH	MAX DOOR HEIGHT	UNIFORM LOAD EACH JAMB (PLF)	POINT LOAD AT HEADER AND SLAB AT EACH POST LOCATION (LBS)
16'-0"	7'-0"	+166.0/-202.6	+1100.0/-1228.3
	8'-0"	+166.0/-202.6	+1250.0/-1395.8

JAMB BRACKET SCHEDULE

DOOR HEIGHT	NO. OF SECTIONS	NO. OF JAMB BRACKETS (EACH JAMB)	LOCATION OF CENTERLINE OF JAMB BRACKETS MEASURED FROM BOTTOM OF TRACK (ALL DIMENSIONS ± 2")
7'-0"	3	7	2" (JB), 10" (JB), 21-3/4" (JB), 29-3/4" (JB), 42" (JB), 52-1/2" (JB), 63-1/4" (JB)
8'-0"	4	8	2" (JB), 10" (JB), 21-3/4" (JB), 29-3/4" (JB), 39" (JB), 48" (JB), 57-1/2" (JB), 75-1/2" (JB)

NOTE:
(JB) FOLLOWING DIMENSION DENOTES SLOTTED JAMB BRACKET ATTACHED TO TRACK WITH 1/4-20x9/16" TRACK BOLT AND NUT AS SHOWN ABOVE.

Wayne Dalton

3395 ADDISON DRIVE
PENSACOLA, FLORIDA 32514
(850) 474-9890

STATIC PRESSURE RATINGS		APPROVED SIZES		SCALE: N.T.S.		SIZE: A	
DESIGN (PSF):	+30.00/-33.50	MAX WIDTH:	16'-0"	DATE		NAME	
TEST (PSF):	+45.00/-50.25	MAX HEIGHT:	8'-0"	DRAWN	5/24/06	GRT	
IMPACT/CYCLIC RATED (YES/NO):	NO	MAX SECTION HEIGHT:	28"	CHECKED	7/31/06	MRB	
MODELS 5500/9700				SHEET 1 OF 2			
WINDLOAD SPECIFICATION OPTION CODE 0533				DRAWING PART NO.		REV.	
				326988		P1	

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2" STEEL ROLLER WITH 4" STEM

13 GA COMMERCIAL 'A' FRAME TOP BRACKET ATTACHED WITH (4) 1/4-20x7/8" SELF DRILLING SCREWS

(2) 15 GA HINGE LEAFS ATTACHED WITH (3) 1/4-14x5/8" CRIMPITE SCREWS EACH

14 GA HINGE BASE FACTORY ATTACHED TO DOOR WITH (5) 1/4-14x5/8" CRIMPITE SCREWS

2" STEEL ROLLER WITH 9" STEM

13 GA ROLLER SLIDE FACTORY RIVETED TO HINGE BASE

13 GA REINFORCING BRACKET ATTACHED TO HINGE BASE WITH (2) 1/4-20x5/8" CARRIAGE BOLTS & 1/4-20 HEX NUTS

15 GA HINGE ATTACHED WITH (6) 1/4-14x5/8" CRIMPITE SCREWS (3 OF WHICH ARE FACTORY ATTACHED)

15 GA HINGE BRACKET ATTACHED WITH (2) 1/4-20x7/8" SELF DRILLING SCREWS

13 GA ROLLER SLIDE ATTACHED TO BRACKET WITH 5/16-18 BOLT & NUT IN CENTER SLOT AND 1/4-20x9/16" TRACK BOLT & 1/4-20 HEX NUT THROUGH ANY TWO ALIGNING HOLES

DETAIL A

DETAIL B

DETAIL C

DETAIL D

POSITION U-BAR OVER REINFORCING BRACKET AND ATTACH WITH (3) 1/4-20x7/8" SELF DRILLING SCREWS AS SHOWN (2 OF WHICH ATTACH THROUGH REINFORCING BRACKET)

POSITION U-BAR OVER HINGE LEAF AND ATTACH WITH (1) 1/4-14x5/8" CRIMPITE SCREW AND (1) 1/4-20x7/8" SELF DRILLING SCREW AS SHOWN (SELF DRILLING SCREW ATTACHES THROUGH HINGE LEAF)

POSITION U-BAR OVER HINGE BRACKET AND ATTACH WITH (1) 1/4-14x5/8" CRIMPITE SCREW AND (1) 1/4-20x7/8" SELF DRILLING SCREW AS SHOWN (SELF DRILLING SCREW ATTACHES THROUGH HINGE BRACKET)

HEADER
HEADER LOCK BRACKET
TOP PLATE EXTENSION
TOP LOCK PLATE
INNER POST
(4) 5/16x1-5/8" LAG SCREWS
5/16-18x2-1/2" HEX BOLT & NUT
(4) 5/16-12x1" SELF DRILLING SCREWS

DETAIL E

(3) 1/4-20x7/8" SELF DRILLING CRIMPITE SCREWS

STRAP BRACKET
5/16" HITCH PIN
(2) 5/16-12x1" SELF DRILLING SCREWS W/ 5/16 FLAT WASHERS

DETAIL F

1/2-13x3-1/2" HEX BOLT & NUT

(4) 5/16-12x1" SELF DRILLING SCREWS

DETAIL G

NOTE: THE STRAP BRACKET LOCATED ON THE BOTTOM U-BAR OF THE BOTTOM SECTION SHALL BE LOCATED ON THE UNDERSIDE OF THE U-BAR.

U-BAR LOCATIONS

(4) SECTION DOORS WITH
(5) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

(3) SECTION DOORS WITH
(4) 3" 20 GA 80 KSI U-BARS LOCATED AS SHOWN

UNLESS NOTED OTHERWISE, ALL U-BARS SHALL BE ATTACHED WITH A MINIMUM OF (2) FASTENERS AT EACH END, AT ALL INTERMEDIATE HINGE LOCATIONS (OR IN LINE WITH INTERMEDIATE HINGE LOCATIONS IF U-BAR IS NOT LOCATED AT A HINGE), MIDWAY BETWEEN INTERMEDIATE HINGE LOCATIONS, AND MIDWAY BETWEEN OUTSIDE INTERMEDIATE HINGE LOCATIONS AND END OF DOOR (MINIMUM OF (18) FASTENERS EACH U-BAR). ALL FASTENERS USED TO ATTACH U-BARS SHALL BE 1/4-14x5/8" CRIMPITE SCREWS EXCEPT 1/4-20x7/8" SELF DRILLING SCREWS SHALL BE USED AT END CAPS AND WHERE FASTENING THROUGH HINGE LEAFS OR BRACKETS.

REVISIONS

P RELEASED TO PRODUCTION
GRT 9/19/06
P1 CHANGED TRACK TO 15 GAGE WITH JB JAMB BRACKETS
GRT 7/11/07

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